

WHAT IS CLAIMED IS:

1. A glazing element useful for exterior pressure plate glazing comprising a transparent laminate and an attachment means for attaching the laminate to a support structure wherein: (1) the laminate comprises at least one layer of glass bonded directly to a thermoplastic polymer interlayer on at least one surface of the glass; (2) the interlayer extends beyond at least one edge of the laminate; (3) one surface of the extended portion of the interlayer is bonded to at least one surface of the attachment means; (4) another surface of the extended portion of the interlayer is bonded to the glass; (5) the attachment means is a clip useful for aligning and holding the laminate in a retaining channel of the support structure; (6) the clip further comprises an element that can be interlocked with a component of a second glazing structure.

2. The glazing element of Claim 1 wherein the interlocking element comprises serrated teeth for interlocking with the second glazing structure.

3. The glazing element of Claim 2 wherein the compatible component is a second laminate comprising a clip having serrated teeth compatible for interlocking with the first attachment clip.

4. The glazing element of Claim 3 wherein the support structure is a frame.

5. The glazing element of Claim 4 wherein the thermoplastic polymer interlayer is a copolymer obtained from the copolymerization of ethylene and at least one α,β -unsaturated carboxylic acid or acid derivative.

6. The glazing element of Claim 5 wherein the at least one α,β -unsaturated carboxylic acid derivative is a monomer selected from the group consisting of: α,β -unsaturated carboxylic acid alkyl esters;

α,β -unsaturated carboxylic acid salts; α,β -unsaturated carboxylic acid anhydrides; or mixtures thereof.

7. The glazing element of Claim 6 wherein the at least one α,β -unsaturated carboxylic acid or
5 α,β -unsaturated carboxylic acid derivative is a C_3-C_8 carboxylic acid or derivative.

8. The glazing element of Claim 7 wherein the glazing element is as depicted in Figure 2.

9. The glazing element of Claim 7 wherein the
10 glazing element is as depicted in Figure 3.